

PATENT CLAIMS

1. An actuator comprising a reversible motor (6), a transmission (7, 13) operatively connected to the motor, a movable adjustment element operatively connected to the transmission, a cylindrical part (9, 10), a coil spring (11) arranged on the cylindrical part and with the direction of winding such that the spring exerts a braking effect on the adjustment element in the one direction of movement thereof in that the spring is tightened around the cylindrical part, said braking effect being adapted such that it may be overcome by the motor, characterized in that the coil spring (11) has its one end secured to a rotating element (13) in the device so that the spring (11) is carried along in the rotation on the cylindrical part (9, 10), which is static in relation thereto.
2. An actuator according to claim 1, characterized in that the cylindrical part (9, 10) is of metal in full or in part.
3. An actuator according to claim 2, characterized in that the cylindrical part (9) has a core of metal provided with a plastics coating on the circumference, e.g. in the form of a plastics bushing (10) thereon secured against rotation, at least on the part where the coil spring (11) is arranged.
4. An actuator according to claim 2, characterized in that the cylindrical part (9) is of metal with axially extending strips of plastics on which the spring (11) is arranged.
5. An actuator according to one of claims 1-4, characterized in that the cylindrical part (9, 10) forms part of a bracket (8) mounted on the front end of the motor (6).
6. An actuator according to claim 1, characterized in that the

transmission comprises a worm drive with a worm (7) and a worm wheel (13), said coil spring (11) having its one end connected to the worm wheel.

5 7. An actuator according to claim 6, characterized in that the coil spring (11) is secured to the worm wheel with a radially outwardly bent end.

8. An actuator according to claim 6, characterized in that the coil spring (11) is secured in a hole in the worm wheel with an axially bent end.

10 9. An actuator according to one of claims 1-8, characterized in that the coil spring (11) is externally surrounded by a heat-conducting metal shield to convey heat away from the spring.

15 10. An actuator according to claim 1, characterized in that the coil spring (11) is of metal, and that the wire forming the spring has a four-sided, circular or oval cross-section.